

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	6,304,967-10/626,575
Filing Date	Filed herewith
First Named Inventor	Dimitri M. Donskoy, et al.
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	97084-00026

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
KR		US- 3705381	12/5/72	Pipkin	
KR		US- 3867836	2/25/75	Sessler, et al.	
KR		US- 3898840	8/12/75	McElroy	
KR		US- 4233843	11/18/80	Thompson, et al.	
KR		US- 4281547	8/4/81	Hinshaw, et al.	
KR		US- 4381674	5/3/83	Abts	
KR		US- 4445361	5/1/84	Moffett, et al.	
KR		US- 4461178	7/24/84	Chamuel	
KR		US- 4502329	3/5/85	Fukunaga, et al.	
KR		US- 4611492	9/16/86	Koosmann	
KR		US- 4689993	9/1/87	Slettemoen	
KR		US- 4944185	7/31/90	Clark, Jr., et al.	
KR		US- 5024090	6/18/91	Pettigrew, et al.	
KR		US- 5144838	9/8/92	Tsuboi	
KR		US- 5170666	12/15/92	Larsen	
KR		US- 5179860	1/19/93	Tsuboi	
KR		US- 5206806	4/27/93	Gerardi, et al.	
KR		US- 5214960	6/1/93	Tsuboi	
KR		US- 5284058	2/8/94	Jones	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Helen Kwolek	Date Considered	3/1/05
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**INFORMATION DISCLOSURE
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Sheet 2

of 2

Complete if Known

Application Number	6,301,967 10/696,515
Filing Date	Filed herewith
First Named Inventor	Dimitri M. Donskoy, et al.
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	97084-00026

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		Number-Kind Code ² (if known)			
JK		US- 5355731	10/18/94	Dixon, et al.	
JK		US- 5425272	6/10/95	Rhodes, et al.	
JK		US- 5456114	10/10/95	Liu, et al.	
JK		US- 5520052	5/28/96	Pechersky	
JK		US- 5528924	6/25/96	Wajid, et al.	
JK		US- 5557969	9/24/96	Jordan	
JK		US- 5621400	4/15/97	Corbi	
JK		US- 5650610	7/22/97	Gagnon	
JK		US- 5736642	4/7/98	Yost, et al.	
JK		US- 5748091	5/5/98	Kim	
JK		US- 5823474	10/20/98	Nunnally	
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Examiner
Signature

Helen Kwok

Date
Considered

3/1/05

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<p>Substitute for form 1449B/PTO</p> <p style="font-size: 1.2em; font-weight: bold;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="font-size: 0.8em;">(use as many sheets as necessary)</p>			<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>6,301,967 10/676, 515</td> </tr> <tr> <td>Filing Date</td> <td>Filed herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Dimitri M. Donskoy, et al.</td> </tr> <tr> <td>Art Unit</td> <td>To be assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To be assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>97084-00026</td> </tr> </table>		Application Number	6,301,967 10/676, 515	Filing Date	Filed herewith	First Named Inventor	Dimitri M. Donskoy, et al.	Art Unit	To be assigned	Examiner Name	To be assigned	Attorney Docket Number	97084-00026
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Examiner Name	To be assigned															
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Sheet	1	of	2													

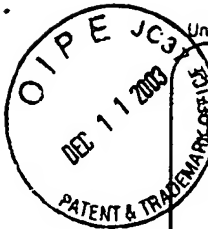
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
H		A.S. Korotkov, et al., "Variations of Acoustic Nonlinear Parameters with the Concentration of Defects in Steel", Institute of Applied Sciences, Russian Academy of Sciences, Nizhnii Novgorod, Russia, Acoustic Physics, Vol. 40, No.1, 1994, pp. 71-74	
H		V. Yu. Zaitsev, et al., "Nonlinear Interaction of Acoustical Waves Due to Cracks and Its Possible Usage for Cracks Detection", Institute of Applied Physics, Russian Academy of Science, Nizhny Novgorod, Russia, Journal of Vibration and Control, 1995, pp. 335-344	
H		I. Yu. Belyayeva, "Tomography of Elastic Nonlinear Parameters of Rocks in Problems of Seismology and Seismic Prospecting", Institute of Applied Physics, Russian Academy of Sciences, N. Novgorod, Physics of the Solid Earth, Vol. 30, No. 12, July 1995, pp.1064-1071	
H		A.M. Sutin, et al., "Nonlinear Acoustic Methods of Crack Diagnostics", Institute of Applied Physics, Russian Academy of Sciences, Nizhny Novgorod, Radiophysics and Quantum Electronics, Vol. 38, Nos. 3-4, 1995, pp. 109-120	
H		Veniamin E. Nazarov, et al., "Nonlinear acoustics of micro-inhomogenous media", Institute of Applied Physics, Academy of Sciences of the USSR, Physics of the Earth and Planetary Interiors, 1998, pp. 65-73	
H		Korotkov, et al., "Nonlinear Vibro-Acoustic Method for Diagnostics of Cracks in Construction Material, Acoustical Society of America, Vol. 97, No. 5, Pt. 2, May 1995, pp. 3377	
H		V.V. Kazakov, et al., "Nonlinear Acoustic Method of Pulsing Location of Cracks", Institute of Applied Physics of RAS, Nizhny Novgorod, 1998, pp. 183-186	
H		Alexander Sutin, "Nonlinear Acoustic Non-Destructive Testing of Cracks", Institute of Applied Physics, Russian Academy of Science, Acoustics in Perspective, 14th Intern. Symp. On Nonlinear Acoustics, China, 1996, pp. 328-333	
H		O. Buck, et al., "Acoustic harmonic generation at unbonded interfaces and fatigue cracks", Rockwell International Science Center, Thousand Oaks, California, Appl. Phys. Lett. 33 (5), September 1, 1978, pp. 371-373	
H		Alexander m. Sutin, et al., "Nonlinear Vibro- Acoustic Nondestructive Testing Technique", Eight International Symp. On Nondestructive Characterization of Materials, Boulder, CO, 1997, pp.1-7	
H		Dimitri M. Donskoy, et al., "A Nonlinear Acoustic Technique for Crack and Corrosion Detection in Reinforced Concrete", Eight Int. Symposium on Nondestructive Characteristics, Boulder, Co, 1997, pp. 1-6	

Examiner Signature	Helen Kucke	Date Considered	3/1/05
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			Application Number	6,301,967 16/686,575
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			Art Unit	To be assigned
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			Attorney Docket Number	97084-00026
Sheet	2	of	2	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HK		Dimtri M. Donskoy, et al., "Vibro-Acoustic Modulation Nondestructive Evaluation Technique", Davidson Laboratory, Stevens Institute of Technology, Hooken, NJ, Journal of Intelligent Material Systems and Structures, Vol. 9, September 1998, pp. 765-771	
HK		A.M. Sutin, et al., "Nonlinear Acoustic Methods for Crack and Fatigue Detection", Safety Diagnostics of Underwater Construction buy Using Acoustics, Seoul, Korea, 1995, pp. 43-45	
HK		A.S. Korotkov, et al., "Modulation of Ultrasound by Vibrations in Metal Constructions with Cracks", Institute of Applied Physics, Russian Academy of Science, Nizhy Novgrood, Russia, Acoustics Letter, Vol. 18, No. 4, 1994, pp. 59-62	
HK		Peter B. Nagy, "Fatigue Damage Assessment by Nonlinear Ultrasonic Materials Characterization", Department of Aerospace Engineering and Engineering Mechanics, University of Cincinnati, OH, Ultrasonics 36, 1998, pp. 375-381	
HK		Peter B. Nagy, et al., "Identification of Distributed Fatigue Cracking by Dynamic Crack-Closure", Progress in Quantative Nondestructive Evaluation, Vol. 14, New York, 1995, pp. 1979-1986	
HK		A. Korotkov, et al., "Nonlinear Vibro-Acoustic Method for Diagnostics of Metal", Advances in Non-Linear Acoustics, World Scientific, 1993, pg. 370-375	

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